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**United States Patent** [19]

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[54] **METHOD OF USE OF CARDIOTONIC DRUGS AND INHIBITORS OF NITRIC OXIDE SYNTHESIS TO ALLEVIATE PATHOLOGIC HYPOTENSION**

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[63] Continuation of Ser. No. 890,430, May 29, 1992, Pat. No. 5,312,835, which is a continuation-in-part of Ser. No. 838,814, Mar. 13, 1992, abandoned, which is a continuation-in-part of Ser. No. 406,909, Sep. 13, 1989, Pat. No. 5,028,627.

[51] **Int. Cl.<sup>6</sup>** ..... A61K 31/195

[52] **U.S. Cl.** ..... 514/565; 514/12; 514/930;  
514/648

[58] **Field of Search** ..... 514/565, 12, 930,  
514/648

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[57] **ABSTRACT**

The present invention involves a method for prophylaxis or treatment of an animal for systemic hypotension induced by endotoxin and/or a biological response modifier such as the cytokines, IFN, TNF, IL-1 or IL-2 and the like. The method involves administering, preferably intravascularly, a therapeutically effective amount of dobutamine and an inhibitor of nitric oxide formation from arginine.

**2 Claims, 7 Drawing Sheets**